

Docket No.: 5670P004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

ARUMUGAM MANTHIRAM, ET AL.

Application No.: 10/010,858

Filed: December 5, 2001

For: **Surface Chemically Modified Oxide  
Cathodes for Lithium-Ion Batteries**

Art Group: 1745

Examiner: Not yet assigned

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TC 1700

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

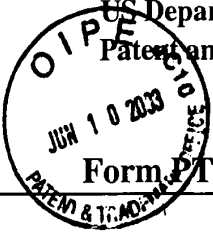
Respectfully submitted,

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Date: JUNE 4, 2003

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 US Department of Commerce Patent and Trademark Office Form PTO-1449 (Modified)		005670.P004		Application No.: 10/010,858		
		Applicant: Arumugam Manthiram et al.				
		Filing Date: December 5, 2001				
<b>US Patent Documents</b>						
Examiner's Initials	Date	Document Number	Name	Class	Sub- Class	Filing Date
	10/01/96	5,561,004	Bates et al.			02/25/94
	08/20/96	5,547,782	Dasgupta et al			03/13/95
	02/01/00	6,019,803	Oskam et al.			05/22/97
<b>Foreign Patent Documents</b>						
Examiner's Initials	Date	Document Number	Country	Class	Sub- Class	Translation
	04/12/02	PCT/US02/38762	PCT Search Report			
<b>Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)</b>						
	Jaephil Cho et al., "Novel LiCoO <sub>2</sub> Cathode Material with Al <sub>2</sub> O <sub>3</sub> Coating for a Li Ion Cell". Chem. Mater. 2000, 12, pgs. 3788-3791.					
	R.V. Chebiam et al., "Soft Chemistry Synthesis and Characterization of Layered Li <sub>1-x</sub> Ni <sub>1-y</sub> Co <sub>y</sub> O <sub>2-o</sub> (0 ≤ X ≤ 1 and 0 ≤ y ≤ 1)", Chem. Mater. 2001, 13, pgs. 2951-2957.					
	R.V. Chebiam et al., RAPID COMMUNICATION; "Comparison of the Chemical Stability of Li <sub>1-x</sub> CoO <sub>2</sub> and Li <sub>1-x</sub> Ni <sub>0.85</sub> Co <sub>0.15</sub> O <sub>2</sub> Cathodes". Journal of Solid State Chemistry 163, pgs. 5-9 (2002).					
	R.V. Chebiam et al., "Comparison of the chemical stability of the high energy density cathodes of lithium-ion batteries", Electrochemistry Communications 3 (2001) pgs. 624-627.					
<b>Examiner</b>			<b>Date Considered</b>			

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through the citation if not in conformance and not considered. Include a copy of this form with the next communication to the applicant